In re Application of WHITE et al.
Serial No. 10/033,177

In the Claims:

1. (currently amended) In a computer network, a system comprising,

a first service for providing access to data based on an associated identity of each user;

a second service for providing access to data based on an associated identity of each user; and

a communications mechanism configured to exchange information between the first service and the second service, the first service configured as a publisher of change data made by users via the first service, and the second service configured as a subscriber of the change data, the communications mechanism operable to determine that at least one user of the second service has a role that is a subscriber role of change data in relation to at least one user of the first service and operable to communicate ~~communicating change information~~ the change data of the first service to the second service using a service-to-service communications protocol ~~including determining a role of each subscribing user and filtering the data based on each determined role~~.

2. (previously presented) The system of claim 1 wherein the communicating of the change information comprises communicating a batch of similar change information from the first service to the second service.

3. (previously presented) The system of claim 1 wherein the information exchange comprises an asynchronous communication.

4. (previously presented) The system of claim 1 wherein the information exchange is initiated by the subscriber.

5. (previously presented) The system of claim 1 wherein the information exchange is initiated by the publisher.

6. (previously presented) The system of claim 1 wherein the first service comprises a class of service that is different from the class of service of the second service.

7. (previously presented) The system of claim 1, further comprising a filter operable to filter the change information based on the associated identity of each user.

8. (previously presented) The system of claim 1 wherein the communications mechanism is further configured to communicate a response from the second service to the first service in response to the communicating of the change information from the first service to the second service.

9. (previously presented) The system of claim 8 wherein the communications mechanism is further configured to resend the change information from the first service to the second service if the response is not received.

10. (currently amended) In a computer network, a method comprising:

determining that at least one user of a second service has a role that is a subscriber role of change data in relation to at least one user of a first service;

communicating data from a the first service to a the second service using a service-to-service communications protocol, the data including change data of at least one user of the first service;

receiving the data at the second service; and

updating information at the second service based on the change data.

11. (previously presented) The method of claim 10, further comprising communicating a response from the second service to the first service in response to receiving the data at the second service.

12. (previously presented) The method of claim 11, further comprising resending the data from the first service to the second service if the response is not received at the first service.

13. (previously presented) The method of claim 10, further comprising initiating the communication of data from a host of the first service.

14. (previously presented) The method of claim 10, further comprising initiating the communication of data from a host of the second service.

15. (previously presented) The method of claim 10, further comprising filtering the data based on an identity associated with at least one user of the first service.

16. (currently amended) In a computer network, a method comprising:

determining that at least one user of a second service has a role that is a subscriber role of change data in relation to at least one user of a first service;

receiving a change from ~~a~~ the at least one user at a the first service; and

communicating change data from a first service to a second service that subscribes to change information from the first service, the change data communicated automatically via a service-to-service communications protocol.

17. (previously presented) The method of claim 16, further comprising communicating a response from the second service to the first service in response to receiving the change information at the second service.

18. (previously presented) The method of claim 17, further comprising resending the change information from the first service to the second service if the response is not received at the first service.

19. (previously presented) The method of claim 16, further comprising initiating the communication of change information from a host of the first service.

20. (previously presented) The method of claim 16, further comprising initiating the communication of change information from a host of the second service.

21. (previously presented) The method of claim 16, further comprising filtering the change information based on an identity associated with at least one user of the first service.

22. (previously presented) The method of claim 16, wherein communicating the changed data automatically via a service-to-service communications protocol comprises determining a role of each subscribing user and filtering the data based on each determined role.

23. (currently amended) A computer-readable medium having computer-executable instructions for:

determining that at least one user of a second service has a role that is a subscriber role of change data in relation to at least one user of a first service;

communicating data from a the first service to a the second service using a service-to-service communications protocol, the data including change data of at least one user of the first service;

receiving the data at the second service; and

updating information at the second service based on the change data.

24. (currently amended) The computer-readable medium of claim 23, further comprising computer-executable instructions for:

receiving a change from a the user at a the first service; and

communicating change data from a first service to a second service that subscribes to change information from the first service, the change data communicated automatically via a service-to-service communications protocol.